

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 32484P WO	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2004/014683	International filing date (day/month/year) 23/12/2004	(Earliest) Priority Date (day/month/year) 23/12/2003
Applicant MEDIGENE ONCOLOGY GMBH		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/014683

A. CLASSIFICATION OF SUBJECT MATTER
A61K9/127

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, EMBASE, BIOSIS, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 008 202 A (HUANG ET AL) 28 December 1999 (1999-12-28) column 17, line 1 - line 44 -----	1-3, 8-15,17, 18,20
X	WO 02/066012 A (NOVOSOM AG; PANZNER, STEFFEN; FANKHAENEL, STEFAN; ESSLER, FRANK; PANZN) 29 August 2002 (2002-08-29) examples 6,7 -----	1-3, 8-15,17, 18,20
X	DE 198 13 773 A (UNGER CLEMENS ; MASSING ULRICH (DE)) 30 September 1999 (1999-09-30) cited in the application column 2, line 62 - column 3, line 16 column 4, line 55 - line 62 claims 1,5,7 column 3, line 50 - line 54 ----- -/--	1-3, 8-11,14, 17,18,20

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

9 March 2006

Date of mailing of the international search report

31/03/2006

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Authorized officer

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/133973 A1 (COLBERN GAIL T ET AL) 17 July 2003 (2003-07-17) paragraph [0002] - paragraph [0004] paragraph [0079] paragraph [0080] example 4	1-3, 8-18, 20, 21
A	----- WO 92/10166 A (SINT SA) 25 June 1992 (1992-06-25) page 11, paragraph 2 - page 13, paragraph 1 example 1	4-7, 19
A	----- US 5 834 012 A (PEREZ-SOLER ROMAN ET AL) 10 November 1998 (1998-11-10) cited in the application column 2, line 57 - line 63 column 3, line 21 - line 35	
A	----- EMERSON D L: "Liposomal delivery of camptothecins" PHARMACEUTICAL SCIENCE AND TECHNOLOGY TODAY, ELSEVIER TRENDS JOURNALS, CAMBRIDGE,, GB, vol. 3, no. 6, 1 June 2000 (2000-06-01), pages 205-209, XP002235822 ISSN: 1461-5347 the whole document	
P,A	----- EP 1 393 719 A (MUNICH BIOTECH AG) 3 March 2004 (2004-03-03) the whole document	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/014683

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6008202	A	28-12-1999	NONE	
WO 02066012	A	29-08-2002	BR 0207775 A CA 2438116 A1 CN 1492756 A DE 10109897 A1 EP 1363601 A2 JP 2004525898 T US 2003099697 A1	30-03-2004 29-08-2002 28-04-2004 07-11-2002 26-11-2003 26-08-2004 29-05-2003
DE 19813773	A	30-09-1999	WO 9949716 A2 EP 1087752 A2 JP 2002509866 T	07-10-1999 04-04-2001 02-04-2002
US 2003133973	A1	17-07-2003	NONE	
WO 9210166	A	25-06-1992	AT 131724 T AU 635456 B2 AU 9062991 A CA 2072559 A1 DE 69115682 D1 DE 69115682 T2 DK 514523 T3 EP 0514523 A1 ES 2081605 T3 GR 3018506 T3 HU 62458 A2 IE 914289 A1 IL 99835 A JP 3241720 B2 JP 5504150 T KR 137783 B1 MX 9102516 A1 NZ 240817 A US 5393530 A ZA 9108489 A	15-01-1996 18-03-1993 08-07-1992 12-06-1992 01-02-1996 15-05-1996 29-01-1996 25-11-1992 01-03-1996 31-03-1996 28-05-1993 17-06-1992 27-11-1995 25-12-2001 01-07-1993 15-05-1998 01-06-1992 27-01-1993 28-02-1995 29-07-1992
US 5834012	A	10-11-1998	NONE	
EP 1393719	A	03-03-2004	US 2005232984 A1	20-10-2005